

Parameter	Value	Unit
Temperature	25.0	°C
Pressure	1.0	atm
Flow rate	1.0	L/min
Concentration	0.1	mol/L
pH	7.0	
Wavelength	254	nm
Scan rate	10	nm/min
Integration time	10	s
Resolution	0.5	nm
Slit width	1.0	nm
Detector	Photodiode array	
Software	Chromatography software	
Column	C18 reversed phase	
Mobile phase	Water / Acetonitrile	
Gradient	0 to 100% acetonitrile	
Flow rate	1.0	mL/min
Injection volume	10	μL
Retention time	10.5	min
Peak area	1234567	
Peak height	123456	
Peak width	12345	
Peak symmetry	1.234	
Peak resolution	1.234	
Peak purity	99.9	%
Peak identification	Compound X	
Peak label	1	
Peak name	Compound X	
Peak description	Peak 1	
Peak comment	Peak 1	
Peak status	Identified	
Peak quality	Good	
Peak confidence	High	
Peak reliability	High	
Peak accuracy	High	
Peak precision	High	
Peak reproducibility	High	
Peak stability	High	
Peak robustness	High	
Peak sensitivity	High	
Peak specificity	High	
Peak selectivity	High	
Peak linearity	High	
Peak range	0.1 to 10	μg/mL
Peak limit	10	μg/mL
Peak detection	10	μg/mL
Peak quantification	10	μg/mL
Peak calibration	10	μg/mL
Peak validation	10	μg/mL
Peak verification	10	μg/mL
Peak confirmation	10	μg/mL
Peak authentication	10	μg/mL
Peak certification	10	μg/mL
Peak accreditation	10	μg/mL
Peak recognition	10	μg/mL
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Peak limit	10	μg/mL
Peak detection	10	μg/mL
Peak quantification	10	μg/mL

Processor overhead is reduced and processor performance, particularly processing speed and power savings, is improved, allowing real-time processor restarts, by skipping operational codes (opcodes) singly or in groups in accordance with one or more execution bits set during post-processing in opcodes preceding opcodes to be skipped. Thus portions of an application program which consume excessive power or are unsupported in particular operating environments can be easily and selectively de-activate while maintaining the integrity of the applications program. Local or cache memory is also effectively expanded and processor performance improved by eliminating opcodes from local or cache memory which will not be called.

Figures